



SPECIFICATIONS:

Riser Box:

1. The riser box shall be a pre-fabricated item specifically designed for use in a low head water control structure with flashboards.
2. Acceptable materials include reinforced concrete, polyethylene, galvanized steel, PVC or other materials as approved by the Engineer. Specify material to be used: _____
3. For reinforced concrete structures, the minimum section thickness is 6 inches. The minimum steel reinforcement is #4 bars at 10 inches each way or the equivalent. Fiber reinforcement may not be substituted for steel reinforcement. The air content of the concrete shall be 5 to 8 percent by volume. The concrete shall have a minimum compressive strength of 3000 psi.
4. All steel components shall be galvanized or painted.
5. Lumber for flashboards shall be pressure-treated or of a rot-resistant species.

Barrel:

1. Pipe material shall be PVC, polyethylene, galvanized steel or aluminum CMP. or other material as approved by the Engineer. Specify material to be used: _____ material to be used: _____
2. The total hydraulic head on the structure shall not exceed 5 feet. Joints shall be essentially watertight for the maximum hydraulic head anticipated.
3. An anti-seep collar (___is)(___is not) required. (Select appropriate choice). Anti-seep collars, if specified, shall be of materials compatible with the pipe and shall be installed to be watertight.
4. The outlet pipe shall be installed to the lines and grade as shown. All pipe backfill shall be over the pipe. No heavy equipment shall be operated within 2 ft. of the pipe or riser box. compacted by hand tamping or manually directed power tampers in 6 inch lifts to a depth of 2 ft.
5. Blend and shape dike sideslopes at riser box to provide a smooth flow entrance.

ADDITIONAL NOTES:

Practice Code _____ Job Class _____

Designed <u>Name</u>	Date <u>Date</u>	File Name DAS587010.dwg	<h2 style="margin: 0;">DROP BOARD</h2> <h2 style="margin: 0;">WATER CONTROL STRUCTURE</h2>
Drawn <u>k. yasumiishi</u>	<u>8/92</u>	Oregon Standard Number DAS-587010	
Checked _____	_____	SHEET 1 OF 1	
Approved _____	_____	U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE	